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1884/85

Ed. H. P.

Ed. H. P.

CATALOGUE

OF

Wake Forest College,

FOR

1884-'85.



CATALOGUE  
OF  
Wake Forest College,  
FIFTIETH SESSION,  
1884-'85.



POST OFFICE :  
WAKE FOREST, WAKE COUNTY, N. C.

PRESSES OF  
EDWARDS, BROUGHTON & CO.,  
RALEIGH, N. C.

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## CALENDAR.

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September 1—Beginning of the Session.

Fourth Friday in October, 7 o'clock P. M.—Senior Speaking.

Third Friday in December, 7 o'clock P. M.—Senior Speaking.

December 25 and 26—Christmas Holidays.

January 15—End of Fall Term and beginning of Spring Term.

February 14—Anniversary Celebration of Literary Societies.

Fourth Friday in April, 7½ o'clock P. M.—Senior Speaking.

May 10—Memorial Day.

Monday preceding the second Thursday in June, 8 o'clock P. M.—Competition for Declamation Medal.

Tuesday—Annual Meeting of the Board of Trustees at 10 o'clock A. M.; Address before the Alumni Association at 8 o'clock P. M.

Wednesday—Address before the Literary Societies at 11 o'clock A. M.; Sermon to the Graduating Class at 8 o'clock P. M.

Second Thursday in June—Commencement Day—Closing Exercises of the Session.

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## COMMENCEMENT, 1885.

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Alumni Address, delivered by Rev. GEO. W. SANDERLIN, of Pasquotank Co., N. C.; Address before the Literary Societies, by Hon. R. F. ARMFIELD, of Statesville, N. C.; Sermon before the Graduating Class, by Rev. C. D. ELLIS, D. D., of Baltimore, Md.

## BOARD OF TRUSTEES.

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J. W. F. ROGERS,  
G. W. SANDERLIN,  
R. R. SAVAGE,  
J. C. SCARBOROUGH,  
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## OFFICERS OF THE BOARD.

T. E. SKINNER, D. D., *President.*  
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## EXECUTIVE COMMITTEE.

T. E. SKINNER, *Chairman.*  
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## FACULTY.

C. E. TAYLOR, B. LIT. (*Univ. of Va.*)

*Professor of Latin.*

W. G. SIMMONS, A. M., LL. D.,

*Professor of Physical Science and Chemistry.*

W. B. ROYALL, A. M.,

*Professor of Greek.*

L. R. MILLS, A. M.,

*Professor of Pure Mathematics.*

W. ROYALL, A. M., D. D.,

*Professor of Modern Languages.*

W. L. POTEAT, A. B.,

*Professor of Natural History.*

.....  
*Professor of Moral Philosophy.*

L. N. CHAPPELL, A. B.,

*Tutor of Languages and Mathematics.*

## OFFICERS OF THE FACULTY.

REV. C. E. TAYLOR,

*President.*

L. R. MILLS,

*Bursar.*

W. L. POTEAT,

*Secretary, and Keeper of Rolls.*

W. G. SIMMONS,

*Curator of Library and Reading Room.*



## CATALOGUE OF STUDENTS.

FIFTIETH SESSION, 1884-'85.

LAT .....	Latin.	MOR. PHI.....	Moral Philosophy.
GRK .....	Greek.	PHYS. SCI.....	Physical Science.
MATH .....	Mathematics.	NAT. HIST.....	Natural History.
MOD. LANG.....	Modern Languages.	CHEM .....	Chemistry.
BK-KPG.....	Book-Keeping.		

<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
ALLEN, W. C.....	Grk—Phys. Sci—Chem—Mor. Phi.	Halifax county, N. C.
ASKEW, L. T.....	Lat—Math—Mod. Lang.	Bertie county, N. C.
AYDLETT, A., JR.....	Lat—Math—Mod. Lang.	Camden county, N. C.
BARKER, B. D.....	Lat—Grk—Phys. Sci—Mor. Phi.	Wake county, N. C.
BEAM, J. A.....	Phys. Sci—Chem—Mor. Phi.	Cleveland county, N. C.
BECKWITH, D. G.....	Lat—Grk—Math.	Chatham county, N. C.
BEDDINGFIELD, W. H.....	Lat—Math—Mod. Lang.	Franklin county, N. C.
BLOUNT, E. E.....	Lat—Grk—Math.	Robeson county, N. C.
BOOTHE, J. N.....	Lat—Grk—Math.	Wake county, N. C.
BOUSHALL, J. D.....	Lat—Grk—Math—Mod. Lang.	Camden county, N. C.
BOWDEN, B. T.....	Math—Mod. Lang—Nat. Hist.	Warren county, N. C.
BOWLING, B. P.....	Math—Mod. Lang—Nat. Hist.	Durham county, N. C.
BOWLING, E. H.....	Math—Mod. Lang—Chem—Nat. Hist.	Durham county, N. C.
BREWER, C. E.....	Phys. Sci—Chem—Mor. Phi.	Wake Forest, N. C.

<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
BRINSON, J. M. ....	Lat—Grk—Math.	Newbern, N. C.
BRITTON, T. C. ....	Mod. Lang—Phys. Sci—Mor. Phi.	Northampton county, N. C.
BROWNING, R. ....	Lat—Grk—Math.	Warren county, N. C.
BUCHANAN, T. C. ....	Lat—Grk—Math—Mor. Phi.	Swain county, N. C.
CALDWELL, L. H. ....	Math—Mod. Lang—Nat. Hist.	Robeson county, N. C.
CAMPBELL, J. A. ....	Lat—Math.	Harnett county, N. C.
CARLYLE, J. B. ....	Lat—Grk—Math—Mor. Phi.	Robeson county, N. C.
CARMICHAEL, W. L. ....	Lat—Math—Mod. Lang.	Franklin county, N. C.
CHEEK, T. E. ....	Greek—Math—Chem.	Durham, N. C.
COBB, T. J. ....	Lat—Math—Mod. Lang.	Robeson county, N. C.
COPPLE, H. E. ....	Lat—Grk—Math.	Davidson county, N. C.
CONRAD, H. B. ....	Phys. Sci—Nat. Hist—Mor. Phi.	Forsyth county, N. C.
CORBETT, W. C. ....	Math—Mod. Lang—Nat. Hist.	Cleveland county, N. C.
COTTINGHAM, J. L. ....	Math—Mod. Lang—Nat. Hist.	Anson county, N. C.
CRUDUP, C. P. ....	Lat—Math—Mod. Lang.	Wake Forest, N. C.
CRUDUP, J. ....	Lat—Math—Mod. Lang.	Wake Forest, N. C.
DALTON, B. ....	Lat—Math—Mod. Lang—Nat. Hist.	Macon county, N. C.
DAVIS, D. A. ....	Lat—Grk—Math.	Yadkin county, N. C.
DAVIS, P. S. C. ....	Nat. Hist—Mor. Phi.	Elizabeth City, N. C.
DEANS, W. B. ....	Lat—Math—Mod. Lang.	Wilson county, N. C.
DENMARK, R. L. ....	Lat—Math—Mod. Lang—Chem—Nat. Hist.	Goldsboro, N. C.

<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
DORSETT, R. P.	Math—Nat. Hist.	Apopka City, Fla.
DOWD, W. C.	Lat—Grk—Math—Chem.	Charlotte, N. C.
DUNN, J. L., JR.	Lat—Math—Mod. Lang.	Halifax county, N. C.
EDDINS, E. F.	Lat—Grk—Phys. Sci—Chem.	Wake Forest, N. C.
ELLINGTON, E. P.	Lat—Grk—Mor. Phi.	Chatham county, N. C.
FLAKE, W. T.	Math—Mod. Lang—Nat. Hist.	Anson county, N. C.
FORE, W. C.	Math—Mod. Lang.	Marion county, S. C.
FORT, M.	Lat—Grk—Math.	Wake county, N. C.
FOWLER, P. E.	Math—Mod. Lang—Nat. Hist.	Franklin county, N. C.
FUNDERBURK, J. S.	Chem—Nat. Hist.	Mecklenburg county, N. C.
GILL, C. E.	Lat—Math—Nat. Hist.	Wake county, N. C.
GILL, J. A.	Lat—Math—Nat. Hist.	Wake county, N. C.
GREGORY, M. R.	Math—Mod. Lang—Chem—Nat. Hist.	Camden county, N. C.
GREGORY, S. W.	Math—Mod. Lang—Chem.	Camden county, N. C.
HALL, J. N.	Math—Mod. Lang.	Durham, N. C.
HARP, B. F.	Math—Mod. Lang—Nat. Hist.	Wake county, N. C.
HARP, S. D.	Math—Mod. Lang—Nat. Hist.	Wake county, N. C.
HARRELL, J. B.	Mod. Lang—Phys. Sci—Mor. Phi.	Hertford county, N. C.
HARRILL, G. P.	Lat—Grk—Math.	Rutherford county, N. C.
HASSELL, B. F., JR.	Lat—Math—Mod. Lang—Nat. Hist.	Tyrrell county, N. C.
HATTON, J. A.	Math—Mod. Lang—Nat. Hist.	Pitt county, N. C.

<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
HAYWOOD, O. ....	Montgomery county, N. C. Mod. Lang—Chem—Nat. Hist—Mor. Phi.	
HENDREN, F. B. ....	Wilkes county, N. C. Lat—Grk—Mod. Lang.	
HENDREN, J. J. ....	Alexander county, N. C. Math—Mod. Lang—Mor. Phi.	
HENDREN, J. W. ....	Alexander county, N. C. Math—Mod. Lang—Mor. Phi.	
HINTON, W. R. ....	Johnston county, N. C. Lat—Math—Mod. Lang.	
HOLDING, T. E. ....	Wake Forest, N. C. Lat—Grk—Math.	
HOLDING, W. W. ....	Wake Forest, N. C. Nat. Hist—Mor. Phi.	
HORD, A. T. ....	Cleveland county, N. C. Mod. Lang—Chem—Mor. Phi.	
HOUGH, W. C. ....	Lancaster county, S. C. Lat—Grk—Math.	
HOWELL, A. T. ....	Gates county, N. C. Lat—Grk—Math.	
HUNTER, W. R. ....	Wake county, N. C. Mod. Lang—Phys. Sci—Mor. Phi.	
JUSTICE, E. J. ....	Rutherford county, N. C. Math—Mod. Lang—Chem.	
KITCHIN, C. ....	Halifax county, N. C.. Lat—Grk—Math.	
LANE, J. J. ....	Marlboro county, S. C. Lat—Grk—Math—Nat. Hist—Mor. Phi.	
LIVERMON, A. C. ....	Bertie county, N. C. Math—Mod. Lang—Chem—Nat. Hist.	
LOVE, J. F. ....	Elizabeth City, N. C. Lat—Math—Mod. Lang.	
LUCAS, J. M. ....	Marlboro county, S. C. Mod. Lang—Phys. Sci—Chem—Mor. Phi.	
LYNCH, J. W. ....	Rockingham county, N. C. Lat—Grk—Math.	
MCCULLERS, D. O. ....	Sampson county, N. C. Lat—Grk—Mod. Lang.	
MCCULLERS, E. H. ....	Sampson county, N. C. Mod. Lang—Phys. Sci—Chem—Mor. Phi.	
MCDANIEL, J. A. ....	Kinston, N. C. Math—Mod. Lang—Chem.	

<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
McDUFFIE, J. F. ....	Lat—Grk—Math—Mod. Lang.	Wake Forest, N. C.
McRACKEN, D. McM. ....	Lat—Math—Mod. Lang.	Columbus county, N. C.
MANNING, F. H. ....	Lat—Grk—Math.	Gates county, N. C.
MATTHEWS, W. J. ....	Grk—Math—Mod. Lang—Mor. Phi.	Gates county, N. C.
MERRITT, F. L. ....	Lat—Grk—Math.	Wake county, N. C.
MILLS, J. G. ....	Lat—Math—Mod. Lang.	Wake Forest, N. C.
MURDEN, T. J., JR. ....	Math—Mod. Lang.	Elizabeth City, N. C.
NEAL, J. L. ....	Lat—Grk—Mod. Lang.	Rockingham county, N. C.
NEWTON, J. D. ....	Mod. Lang—Nat. Hist.	Bladen county, N. C.
NUTT, J. B. ....	Lat—Grk—Math.	Surry county, N. C.
OLIVE, W. S. ....	Lat—Grk—Mor. Phi.	Wake county, N. C.
PACE, J. R. ....	Lat—Math—Mod. Lang—Nat. Hist.	Wake county, N. C.
PARKER, C. J. ....	Lat—Grk—Math—Mor. Phi.	Wake county, N. C.
PENDERGRASS, J. R. ....	Lat—Grk—Math.	McDowell county, N. C.
PICKETT, H. S. ....	Lat—Greek—Math—Mor. Phi.	Durham, N. C.
PITTARD, D. A. ....	Math—Chem—Nat. Hist.	Granville county, N. C.
POSTON, F. H. ....	Math—Mod. Lang—Chem—Nat. Hist.	Cleveland county, N. C.
PRUETT, L. R. ....	Lat—Grk—Math.	Cleveland county, N. C.
PRUITT, J. B. ....	Grk—Chem—Mor. Phi.	Franklin county, N. C.
RAY, C. B. ....	Lat—Math—Mod. Lang.	Wake county, N. C.
RICHARDSON, O. N. ....	Math—Mod. Lang—Chem—Nat. Hist.	Davidson county, N. C.

<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
RICKMAN, M. L.....	Lat—Grk—Math—Mor. Phi.	Macon county, N. C.
RIVERS, R. E.....	Lat—Grk—Math.	Chesterfield county, S. C.
ROBERTSON, A. T.....	Mod. Lang—Nat. Hist—Mor. Phi.	Iredell county, N. C.
SHAW, H. M.....	Math—Mod. Lang—Chem.	Edenton, N. C.
SHOLAR, W. J.....	Lat—Grk—Math.	Raleigh, N. C.
SIMMONS, J. H.....	Lat—Grk—Math—Chem.	Wake Forest, N. C.
SPAINHOUR, J. F.....	Math—Chem—Nat. Hist.	Wilkes county, N. C.
SPENCE, T. L.....	Lat—Grk—Math.	Pasquotank county, N. C.
STALLINGS, N. P.....	Math—Chem.	Wake county, N. C.
STEWART, J.....	Lat—Grk—Mod. Lang.	Davie county, N. C.
STOKES, J. G.....	Lat—Grk—Math.	Duplin county, N. C.
STOKES, W. F.....	Grk—Math—Chem.	Duplin county, N. C.
STONE, W. E.....	Lat—Math—Nat. Hist.	Wake Forest, N. C.
STOWE, F. S.....	Lat—Math—Mod. Lang.	Greensboro, N. C.
STRADLEY, W. P.....	Lat—Grk—Math—Chem.	Granville county, N. C.
SWAIM, S. D.....	Lat—Grk Math.	Yadkin county, N. C.
TATUM, E. F.....	Lat—Grk—Mor. Phi.	Davie county, N. C.
TAYLOE, J. W.....	Lat—Grk—Math—Chem.	Hertford county, N. C.
TAYLOR, A. W.....	Math—Nat Hist.	Hertford county, N. C.
THOMPSON, C. J.....	Lat—Grk—Math—Mod. Lang.	Wake county, N. C.
THOMPSON, G. C.....	Lat—Math—Chem.	Wake county, N. C.



<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
THOMPSON, O. F.	Lat—Grk—Mod. Lang—Phys. Sci.	Lincoln county, N. C.
THOMPSON, S. P.	Lat—Grk—Math.	Lincoln county, N. C.
THOMSON, W. S.	Math—Nat. Hist—Mor. Phi.	Sampson county, N. C.
TIMBERLAKE, F. J.	Math—Mod. Lang—Chem—Nat. Hist.	Franklin county, N. C.
VANN, J. E.	Lat—Grk—Math.	Hertford county, N. C.
VANN, L. L.	Lat—Grk—Math.	Wake county, N. C.
WALKER, L. E.	Lat—Math—Mod. Lang—Nat. Hist.	Caswell county, N. C.
WARD, E.	Mod. Lang—Mor. Phi.	Robeson county, N. C.
WARD, W. J.	Lat—Grk—Mor. Phi.	Bladen county, N. C.
WATKINS, G. T.	Lat—Grk—Math.	Granville county, N. C.
WATSON, J. W.	Grk—Phys. Sci—Mor. Phi.	Chatham county, N. C.
WATSON, R. W.	Math.	Warren county, N. C.
WATSON, S. C.	Lat—Math—Mod. Lang—Nat. Hist.	Marion county, S. C.
WATSON, T. M.	Lat—Grk—Math.	Chatham county, N. C.
WATSON, W. F.	Lat—Mod. Lang—Mor. Phi.	Moore county, N. C.
WELLS, C. G.	Lat—Grk—Math.	Duplin county, N. C.
WELLS, E. D.	Lat—Math—Nat. Hist.	Duplin county, N. C.
WHITE, J. L.	Mod. Lang—Phys. Sci—Chem—Mor. Phi.	Winston, N. C.
WHITEHEAD, R. H.	Grk—Math—Chem—Mor. Phi.	Salisbury, N. C.
WILSON, W. S.	Math—Mod. Lang—Nat. Hist.	Rutherford county, N. C.
WINSTON, D. T.	Lat—Math—Mod. Lang.	Granville county, N. C.



<i>Names.</i>	<i>Studies.</i>	<i>Residence.</i>
WISE, J. T.	Lat—Math—Mod. Lang—Nat. Hist.	Marlboro county, S. C.
WOODY, S. S.	Lat—Math—Mod. Lang.	Wilmington, N. C.
WOOTEN, F. T.	Lat—Grk—Math.	Columbus county, N. C.
YATES, R. E. L.	Lat—Grk—Math.	Raleigh, N. C.
Total		144.



## ADMISSION.

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Candidates for admission must be able to furnish satisfactory testimonials of good moral character, and, if coming from other incorporated institutions, must present certificates of honorable dismissal.

The applicant must report to the President within twenty-four hours after his arrival, and any delay beyond that time may be made a bar to his admission. He must give his promise in writing to abide by the Regulations of the College, and demean himself at all times in an orderly, respectful, and gentlemanly manner.

He is then referred to the Bursar for the settlement of of his College dues.

Students coming unprepared to enter the Schools will receive instruction in such preliminary studies as shall be necessary to qualify them for entrance.

The Text-books used in these studies are Gildersleeve's Latin Primer and Reader, Goodwin's Greek Grammar, White's First Lessons in Greek, Xenophon's Anabasis, Robinson's Practical Arithmetic, Wentworth's Algebra, and Groesbeck's Book-Keeping.



## SCHOOLS.

The course of study comprises eight Schools,—Latin Language and Literature, Greek Language and Literature, Modern Languages, Pure Mathematics, Physical Science, Chemistry, Natural History, and Moral Philosophy.

### I. LATIN LANGUAGE AND LITERATURE.

### II. GREEK LANGUAGE AND LITERATURE.

### III. MODERN LANGUAGES.

1. English Language and Literature.
2. French Language and Literature.
3. German Language and Literature.

### IV. PURE MATHEMATICS.

1. Algebra and Geometry.
2. Trigonometry and Analytical Geometry.
3. Differential and Integral Calculus.

### V. PHYSICAL SCIENCE.

1. Applied Mathematics.
2. Natural Philosophy.
3. Civil Engineering.

### VI. CHEMISTRY.

1. General Chemistry.
2. Analytical Chemistry.

### VII. NATURAL HISTORY.

1. Zoölogy.
2. Mineralogy and Geology.
3. Human Physiology.
4. Botany.

### VIII. MORAL PHILOSOPHY.

1. Logic and Rhetoric.
2. Mental and Moral Science.
3. Political Economy and History.
4. Evidences of Christianity.

## I. SCHOOL OF LATIN LANGUAGE AND LITERATURE.

JUNIOR CLASS.—Fall Term—Cæsar de Bello Gallico, Books IV and V. Spring Term—Virgil's *Æneid*. Latin Grammar will be reviewed, and the study of Prose Composition and Prosody begun. Daily drill on Etymology and Syntax. Original exercises weekly.

INTERMEDIATE CLASS.—No student will be allowed to enter this class without having passed examinations on the work of the Junior Class, or its equivalent. This class will read Livy during the first term, and Horace during the second term, giving attention to the study of Latin Prosody. Gildersleeve's Grammar and Prose Composition will be studied. Original exercises will be required every Tuesday.

SENIOR CLASS.—A satisfactory examination on the work of the Intermediate Class, or its equivalent, must be passed before a student will be allowed to enter the Senior Class. Cicero's Letters, Juvenal, Tacitus and Crowell's Selections from Catullus, Lucretius, Tibullus and Lucan will be read. Gildersleeve's Grammar, Leighton's History of Rome, and Bender's Roman Literature will be studied. Original exercises will be required every Monday.

The following books are recommended for use throughout the course: Harper's Latin-English Lexicon; Andrews' English-Latin Lexicon; Smith's Dictionary of Classical Antiquities; Long's Ancient Atlas.

## II. SCHOOL OF GREEK LANGUAGE AND LITERATURE.

· PROF W. B. ROYALL.

To be prepared for the Junior Class one must be thoroughly drilled in Orthography, Euphony, Accent, Inflection, and the Syntax of the Simple Sentence. The first sixty lessons of White's First Lessons in Greek furnish capital material for such drill, provided all the references to Goodwin's Grammar, including those in the notes appended to the Exercises, be carefully studied and systematically reviewed, and constant practice be had in writing. This course, with the first book of Xenophon's Anabasis, is recommended to teachers preparing students for this School.

To pass from a lower to a higher class, a student must have stood satisfactory examinations upon what has been gone over; and to secure a Certificate of Proficiency, he must have successfully completed the studies of the Senior Class.

The following is an outline of the course in this School for the session of 1885-'86 :

JUNIOR CLASS.—Xenophon's Anabasis, Herodotus; Goodwin's Grammar; White's Lessons—Exercises in Syntax.

INTERMEDIATE CLASS.—Homer, Xenophon's Memorabilia, Plato; Composition; Hexameter Verse; History.

SENIOR CLASS.—Thucydides, Sophocles, Demosthenes; Composition; Grammar; Metre; Literature.

Every student is recommended to supply himself with Liddell & Scott's Greek-English Lexicon (7th edition), Yonge's English-Greek Lexicon, Allen-Hadley's Greek Grammar, Goodwin's Moods and Tenses, Veitch's Greek Verbs, Long's or Ginn & Heath's Classical Atlas, and a Classical Dictionary.

### III. SCHOOL OF MODERN LANGUAGES.

PROF. W. ROYALL.

#### 1. English Language and Literature :

JUNIOR CLASS.—English Grammar and Analysis ; Composition and Rhetoric.

SENIOR CLASS.—Anglo-Saxon ; History of English Language ; Critical reading of portions of Chaucer, Spenser, Shakespeare, Milton, Addison, and other writers ; English Literature.

*Text-Books.*—Whitney's Essentials of English Grammar ; Kellogg's Composition and Rhetoric ; Dr. March's Anglo-Saxon Grammar ; Carpenter's Anglo-Saxon Reader ; Lounsbury's History of English Language ; Shaw's English Literature ; cheap editions of the portions of works read.

#### 2. French Language and Literature :

Ahn's French Method ; Litterature Francaise Contemporaine ; Molière.

#### 3. German Language and Literature :

Ahn's German Method ; Schiller ; Goethe ; Fouqué.

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### IV. SCHOOL OF PURE MATHEMATICS.

PROF. MILLS.

To enter this School, the student must understand Arithmetic, and Algebra to Equations of the Second Degree.

A satisfactory examination on the work of each class must be passed before a student will be allowed to enter a higher class.

#### JUNIOR CLASS.

FIVE RECITATIONS A WEEK.

*Fall Term.*—Algebra completed, and the First Book of Geometry.

*Spring Term.*—Plane, Solid, and Spherical Geometry.



## INTERMEDIATE CLASS.

FIVE RECITATIONS A WEEK.

*Fall Term.*—Plane and Spherical Trigonometry.*Spring Term.*—Analytical Geometry.

## SENIOR CLASS.

TWO RECITATIONS A WEEK.

*Fall Term.*—Calculus.*Spring Term.*—Calculus.

By reference to the article entitled Degrees, it will be seen that the entire course of Mathematics is required for all degrees except Bachelor of Letters.

*Text-Books.*—Wentworth's Complete Algebra ; Wentworth's Geometry ; Wentworth's Trigonometry ; Loomis's Analytical Geometry ; Taylor's Calculus.

## V. SCHOOL OF PHYSICAL SCIENCE.

PROF. SIMMONS.

In this School the recitation of the text-books is accompanied with oral instruction and experimental illustration. The School comprises :

## I. APPLIED MATHEMATICS.

1. Surveying and Engineering.
2. Navigation.
3. Astronomy.



## II. PHYSICS.

1. Junior Physics.
2. Senior Physics.

The Junior Physics may be successfully completed without a knowledge of the higher mathematics. The class meets three times a week for one year.

The course in Senior Physics occupies one year, four recitations a week; and to attain proficiency in it, the student must be thoroughly acquainted with Algebra, Geometry, Trigonometry, and Calculus.

## III. CIVIL ENGINEERING.

This study occupies one year, two recitations a week.

The study of Surveying and Engineering is accompanied with instrumental practice and field exercises.

*Text-Books.*—Gage's Elements of Physics; Gillespie's Surveying and Engineering; Robinson's Surveying and Navigation; Norton's Astronomy (Spherical and Physical); Olmsted's College Philosophy (Kimball's Revision); Loomis's Treatise on Meteorology.

## VI. SCHOOL OF CHEMISTRY.

PROF. SIMMONS.

The School of Chemistry has two classes, Junior and Senior, each occupying one year.

The Junior Class studies Inorganic and Organic Chemistry, illustrated by such experiments as are best suited to impress upon the memory the properties of the chemical elements, the laws of their combination, and the chemical symbols and nomenclature.

During this year the applications of Chemistry to the useful arts have a prominent place.

There are three recitations a week.

The Senior Class meets twice a week in the laboratory, doing work under the supervision of the instructor.

*Text-Books.*—Stockhardt's Principles of Chemistry; Cooke's Chemical Physics; Pendleton's Scientific Farming; Mott's Chemist's Manual; Appleton's Quantitative Analysis.

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## VII. SCHOOL OF NATURAL HISTORY.

PROF. POTEAT.

The text-book is subordinate to the direct study of nature itself, the student being encouraged to find out for himself by personal observation the structure, properties, history, and relations of the objects studied.

### FIRST YEAR.

#### *Fall Term*—STRUCTURAL AND SYSTEMATIC ZOÖLOGY.

The class will meet four times a week. The College Museum contains valuable specimens illustrating the more important groups of animals. A compound microscope, with a series of zoölogical slides prepared in Germany and others prepared by the professor, adds greatly to the scope and interest of this study. Painless dissections of the lower animals are insisted on.

#### *Spring Term*.—MINERALOGY AND GEOLOGY.

The class will meet four times a week. The first third of the Spring Term will be devoted to Mineralogy and the remainder to Geology. The Museum furnishes a large number and variety of minerals, typical species of which the student is required to determine by analysis. In Geology, informal lectures and the text-book are supplemented by field excursions to familiarize the student

with the formations of the vicinity, and to give some idea of geological field work. North Carolina Mineralogy and Geology receive special attention.

### SECOND YEAR.

#### *Fall Term.*—HUMAN PHYSIOLOGY AND HYGIENE.

The class will meet three times a week. The student is aided to the knowledge of the tissues and organs of the human body and their functions by studying the tissues and organs of lower animals with the help of the microscope. A complete human skeleton and a series of physiological charts are at hand for illustration. Instruction is also given on health and its foes.

#### *Spring Term.*—STRUCTURAL, SYSTEMATIC, AND ECONOMIC BOTANY.

The class will meet three times a week. The student is guided in the study of the tissues and forms of the plants themselves, and is expected not merely to learn how to analyze the flowering plants, but also to learn, with the aid of the microscope, the morphology and physiology of typical members of the lower groups. Attention is given to the chief vegetable products and their uses.

*Text-Books.*—Orton's Comparative Zoölogy; Dana's Manual of Mineralogy and Lithology, Dana's New Text-Book of Geology (revised and enlarged); Huxley and Youmans' Physiology and Hygiene; Kellerman's Elements of Botany, Kellerman's Plant Analysis.

*Books for Reference.*—Nicholson's Manual of Zoölogy, Gegenbaur's Elements of Comparative Anatomy, Brooks' Handbook of Invertebrate Zoölogy, Harris' Insects Injurious to Vegetation; Dana's Manual of Geology, Geikie's Text Book of Geology, Kerr's Geology of North Carolina; Carpenter's Human Physiology, Foster's Text

Book of Physiology ; Sach's Text Book of Botany, De Candolle's Origin of Cultivated Plants, Farlow's New England Algæ, Lesquereux and James' Mosses of North America, Chapman's Flora of the Southern United States (revised).

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## VIII. SCHOOL OF MORAL PHILOSOPHY.

(The classes of this School have been taught by Profs. W. ROYALL and SIMMONS.)

### METHOD OF INSTRUCTION.

The recitation of the text—the student giving without interruption the course of thought pursued by the author, followed by questions and familiar lectures on the part of the instructor.

The classes will be expected, in addition, to form an exhaustive analysis and classification of each subject, which will serve as the basis of occasional reviews, and greatly assist in the written examination.

1. *Logic and Rhetoric.*

*Text-Books.*—Logic, Jevons; Rhetoric, Whately.

2. *Mental and Moral Science.*

*Text-Books.*—Mental Science, Upham; Moral Science, Peabody.

3. *Political Economy and History.*

*Text-Books.*—Political Economy, Chapin's Wayland; History, Swinton; International Law, Woolsey; Constitutional Law, Townsend.

4. *Evidences of Christianity.*

*Text-Books.*—Alexander's Evidences; Butler's Analogy.

## EXERCISES IN ENGLISH.

In order to emphasize the importance of attention to spelling, punctuation, and the use of capitals, the student is required repeatedly, throughout his course, to correct and write out, in the presence of an instructor, passages in English which have been put up in a mutilated form ; and success in these exercises is essential to graduation. No attainments in the other languages, the sciences, or mathematics will be allowed to atone for the incorrect use of the English language.

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## ELOCUTION AND COMPOSITION.

Candidates for Degrees deliver, during the last year of their course, four original addresses, and the public are invited to be present.

Under certain conditions, theses may be substituted for addresses.

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## RECITATIONS AND EXAMINATIONS.

Students are required to have three daily recitations, and no more will be allowed, except by permission of the Faculty.

Each student is subjected to daily examinations, and the result is estimated in numbers ranging from 0 to 100. He is also required to stand a written examination at the end of each quarter or term at the option of the instructor,



and his paper is carefully examined and estimated in like manner. His grade of scholarship is determined by finding the arithmetical mean of the daily and the quarterly or term examinations, and is communicated to the student at the close of each term.

The student is not informed of the questions to be asked at the written examinations until he has entered the examination room; he is then required to write his answers and submit them with a pledge that he has received no aid from any source.

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## DEGREES.

The DEGREES conferred are BACHELOR OF LETTERS—B. L.; BACHELOR OF SCIENCE—B. S.; BACHELOR OF ARTS—A. B.; and MASTER OF ARTS—A. M.

To be entitled to a Certificate of Proficiency in a School or Study, the student must obtain seventy-five per cent. of the maximum of scholarship.

To be entitled to BACHELOR OF LETTERS, the student must be a Proficient in the Schools of Latin, Greek, and Moral Philosophy, and in English Language and Literature, Junior Physics, and French or German.

To be entitled to BACHELOR OF SCIENCE, the student must be a Proficient in the Schools of Pure Mathematics, Physical Science, Chemistry, and Natural History, and in English Language and Literature, Political Economy and History, and French or German.

To be entitled to BACHELOR OF ARTS, the student must be a Proficient in the Schools of Latin, Greek, Pure Mathematics, Physical Science, (except Civil Engineering,) and Moral Philosophy, and in Junior Chemistry, Zoölogy

and Geology, Political Economy and History, English Language and Literature.

To be entitled to MASTER OF ARTS, the student must be a Proficient in all the studies except Civil Engineering.

In awarding the Valedictory and Salutatory Addresses at graduation, grade of scholarship shall be subordinate to Degrees; so that Master of Arts has precedence of Bachelor of Arts, and Bachelor of Arts has precedence of the coördinate Degrees of Bachelor of Science and Bachelor of Letters.

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## RELIGIOUS EXERCISES.

The work of each day begins with religious services, which the students are required to attend.

A well organized Baptist church—Rev. R. T. Vann, pastor—worships every Sunday in the College chapel, and holds a prayer-meeting every Wednesday evening. The students are required to be present at the Sunday morning service. Those who are lay members of Baptist churches at home, are urged to take letters, and, during their stay at college, to identify themselves thoroughly with Wake Forest Church.

In connection with the church is a well-equipped and flourishing Sunday-school, largely attended by the students. A Sunday-school Missionary Society meets once a month.

The students hold a prayer-meeting every Monday evening.



## REPORTS.

At the end of each term, a Report is sent to the parent or guardian of the student, showing his grade of scholarship and number of absences from recitation and religious exercises.

Several times during the session, Reports upon progress in studies and upon deportment are sent to parents or guardians. These Reports are not intended to indicate the precise grade of scholarship of students.

The object of these Reports is to maintain a constant communication with parents and guardians, to elicit their counsels and encouragement, and thus bring to bear practically and directly upon every student the influences of home. Prompt attention, therefore, it is hoped, will be given by patrons to the suggestions contained in these circulars. Every student is expected to deport himself as a gentleman. A young man cannot remain in the Institution if his conduct renders him an improper associate, or if he does not seek to improve his opportunities.

## MINISTERS.

Students preparing for the work of the ministry enjoy the following advantages:

Throughout the session Lectures are delivered on such topics as are supposed to possess special interest for young ministers.

The Yates Theological Society, to which all those preparing for the ministry are expected to attach themselves, meets weekly for the purpose of discussing points in Christian Doctrine and Theology, and for the criticism of Sermons.

## LITERARY SOCIETIES.

The Euzelian and Philomathesian Literary Societies hold each two meetings a week,—one on Friday night for debate, the other on Saturday morning for exercise in composition and elocution and the transaction of general business. In all these exercises the members are required to participate, and they take unusual interest in them. The Faculty regard the Societies as important aids in the work of education and in the preservation of wholesome sentiments among the students. It would be difficult to overestimate their importance in imparting a knowledge of parliamentary law, in cultivating and directing the taste for reading, and in the formation of correct habits of public speaking.

No other secret societies are allowed to exist among the students.

THE WAKE FOREST STUDENT, a literary magazine of forty-eight pages, under the immediate supervision of a member of the Faculty, is published monthly during the session by the Societies. It will complete its fourth volume in June. It is believed to be equal to any college magazine published in this country, and is worthy of the support of the alumni and friends of the College.

Two medals are given by each Society,—one for the greatest improvement in oratory, the other for the best essay. Besides, they have united in offering a medal for the best essay contributed by one of their number to THE STUDENT.

## MEDALS.

The Whitfield Latin Medal was established in 1878 by Rev. T. Whitfield, D. D.

The Montague French Medal was established in 1880 by Dr. H. W. Montague.

These, together with the Silcox Greek Medal, are awarded annually after special competitive written examinations.

The Declamation Medal, established in 1877, is likewise annually awarded by a special competitive test.

The Literary Societies also award Medals as stated above.

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## THE LIBRARY.

W. C. ALLEN, LIBRARIAN.

The College Library, consisting of upwards of eight thousand thoroughly classified and catalogued volumes, is in a room specially constructed for it. Annual additions are made, each book purchased being recommended by a committee and passed upon by the Faculty. In its contents, management, and usefulness, the Library will compare favorably with that of any similar institution in the South. It is opened every day, when students and others are permitted to visit it and, under certain restrictions, to consult or borrow books.

During the session, besides the admirable scientific publications of the Government directed hither by our representatives, valuable gifts to the Library have been made by Mrs. I. O. Walters, of Wake Forest, and Mr. E. G. Harrell, of Raleigh.

## THE READING ROOM.

H. B. CONRAD, SUPERINTENDENT.

The Reading Room is large and neatly and comfortably furnished. On its tables are to be found the best current literature which is published in this country. Many of the secular newspapers of North Carolina, daily and weekly, are there, together with *The Recorder*, *The Presbyterian*, and *The Advocate*. Of those from other States may be mentioned *The Daily New York Herald*, *The Daily New York Times*, *The Examiner*, *Science*, *The Critic*, *Harper's Weekly*, *Frank Leslie's Illustrated Newspaper*, *The Watchman*, *The Youth's Companion*, *Religious Herald*, *Baptist Courier*, *The Central Baptist*. The following magazines, besides others, are received regularly: *The North American Review*, *Baptist Review*, *The Century*, *Harper's Monthly*, *The Eclectic*, *The Atlantic Monthly*, *Littell's Living Age*, *Southern Historical Society Papers*, *St. Nicholas*, and *The Baptist Missionary Magazine*. The Reading Room is opened two hours every afternoon (except Sundays), during which time the Superintendent preserves the strictest order and decorum. On certain conditions the magazines may be borrowed.

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## THE MUSEUM.

Conveniently placed and containing botanical, zoölogical, ethnological, and geological specimens, together with a considerable variety of minerals, the Museum is a most valuable aid to science teaching. Additions are con-

stantly being made, and extensive collections are proposed to be gathered during the next summer. In this work the students and other friends of the College can render efficient aid.

Thanks for contributions are due Dr. R. H. Lewis, of Kinston, S. E. Williams, Esq., of Lexington, Mr. William J. Moore, of Stokes county, Messrs. C. D. Smith, Bowers, Ernst, and M. L. Rickman, of Macon county, Mr. B. F. Williams, of Gulf, Mr. F. H. Manning, of Gates county, Mr. T. H. Street, of Person, and Mr. W. C. Corbett, of Cleveland. Especial mention should be made of Col. J. M. Heck's gift of the larger part of the Stokes county collection of woods and minerals gathered at the late State Exposition.

## THE GYMNASIUM.

A Gymnasium with the most approved pieces of apparatus has been fitted up. It is open in the afternoon, when all the students have access to it.

## COLLEGE EXPENSES.

Tuition per term of five months . . . . .	\$30 00
Incidental fee . . . . .	3 00
Library fee . . . . .	2 00

These charges are due in advance, and no deduction is made from them except in case of protracted sickness.

## BOARD AND LODGING.

Board, table fare, can be obtained in private families at \$2.00 to \$2.50 per week. Unfurnished rooms in the College Building are rented at \$6.00 per term,—one-half paid by each occupant. Lodging can also be obtained in private families at moderate rates.





## RECITATIONS PER WEEK.

### FOR B. L.—BACHELOR OF LETTERS.

FIRST YEAR.—Junior Latin 5, Junior Greek 5, English Language 2, Junior Physics 3.

SECOND YEAR.—Interm. Latin 4, Interm. Greek 4, English Literature 2, French or German 5.

THIRD YEAR.—Senior Latin 3, Senior Greek 3, Moral Philosophy 5, Polit. Econ. and History 2.

### FOR B. S.—BACHELOR OF SCIENCE.

FIRST YEAR.—Junior Math. 5, Eng. Language 2, Polit. Econ. and History 2, French or German 5.

SECOND YEAR.—Interm. Math. 5, Eng. Literature 2, Junior Chemistry 3, Zoölogy and Geology 4.

THIRD YEAR.—Senior Math. 2, Senior Chemistry 2, Physiology and Botany 3, Civil Eng. 2, Senior Physics 4, Applied Math. 2.

### FOR A. B.—BACHELOR OF ARTS.

FIRST YEAR.—Junior Latin 5, Junior Greek 5, Junior Mathematics 5.

SECOND YEAR.—Interm. Latin 4, Interm. Greek 4, Interm. Mathematics 5, Eng. Language 2.

THIRD YEAR.—Senior Latin 3, Senior Greek 3, Senior Math. 2, Junior Chemistry 3, English Lit. 2, Polit. Econ. and History 2.

FOURTH YEAR.—Mor. Philosophy 5, Applied Math. 2, Senior Physics 4, Zoölogy and Geology 4.

### FOR A. M.—MASTER OF ARTS.

FIRST, SECOND, THIRD, and FOURTH YEARS same as for corresponding years of Bachelor of Arts.

FIFTH YEAR.—Senior Chemistry 2, French 5, German 5, Physiology and Botany 3.



# SCHEME OF RECITATIONS.

WAKE FOREST COLLEGE.

35

	8 O'CLOCK.	9 O'CLOCK.	10 O'CLOCK.	11 O'CLOCK.	12 O'CLOCK.	1 O'CLOCK.
MONDAY.	Jun. Mathematics. Arithmetic. Senior Latin. Junior Physics.	Junior Chemistry. Physiol. & Botany. <del>Greek Grammar.</del> <i>Xenophon</i> X	Inter. Mathem'tics. (Senior Greek) French Latin Grammar. X	Junior Greek. German. Element. Algebra.	Moral Philosophy Junior English.	Junior Latin. X Intermed. Greek. Senior Chemistry.
TUESDAY.	Jun. Mathematics. Arithmetic. Civil Engineering. English Literature.	Sen. Mathematics. (English Language) Greek Grammar.	Inter. Mathem'tics. French. Latin Grammar. X	Junior Greek. German. Element. Algebra. (Senior Physics)	Intermed. Latin X Moral Philosophy Junior English.	Junior Latin. X Zool. & Geology. Polit. Econ. & His.
WEDNESDAY.	Jun. Mathematics. Arithmetic. Senior Latin. Junior Physics.	Junior Chemistry. Physiol. & Botany. <del>Greek Grammar.</del> <i>Xenophon</i> X	Inter. Mathem'tics. (Senior Greek) French. Applied Math. Latin Grammar. X	Junior Greek. German. Element. Algebra. (Senior Physics)	Intermed. Latin X Moral Philosophy Junior English.	Junior Latin. X Intermed. Greek. Senior Chemistry. Zool. & Geology.
THURSDAY.	Jun. Mathematics. Arithmetic. Civil Engineering. English Literature.	Sen. Mathematics. (English Language) Greek Grammar.	Inter. Mathem'tics. French. Latin Grammar. X	Junior Greek. German. Element. Algebra. (Senior Physics)	Intermed. Latin X Moral Philosophy Junior English.	Junior Latin. Intermed. Greek. Zool. & Geology. Polit. Econ. & Hist.
FRIDAY.	Jun. Mathematics. Arithmetic. Senior Latin. Junior Physics.	Junior Chemistry. <del>Greek Grammar.</del> Physiol. & Botany <i>Xenophon</i> X	Inter. Mathem'tics. (Senior Greek) Applied Math. French. Latin Grammar X	Junior Greek. German. Element. Algebra. (Senior Physics)	Intermed. Latin X Moral Philosophy Junior English.	Junior Latin. X Intermed. Greek. Zool. & Geology.)

Total 17

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Cover

*Colletes* ✓

Edward

2. Trans

James

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Thompson

H. H. H. H.

Feb 5

Hunter

Курсовый проект

Porton ✓

Sharpe

Smith

M. Hancock

Price

11200

H. J. Harrison

a farmer

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